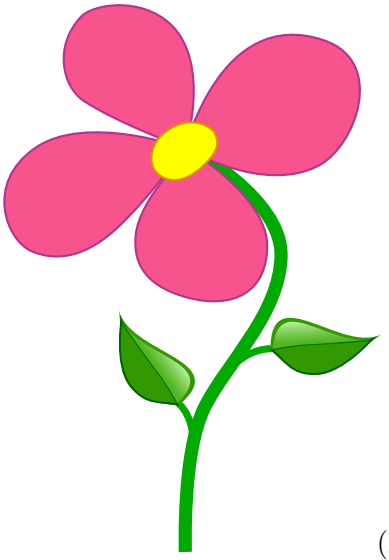
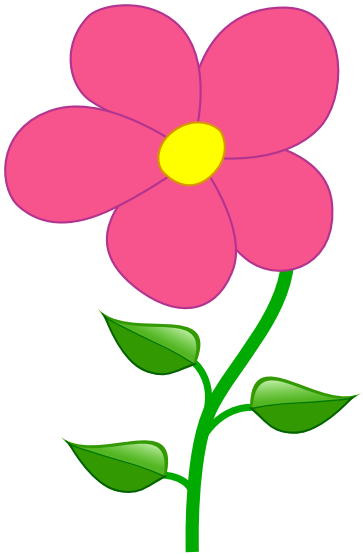
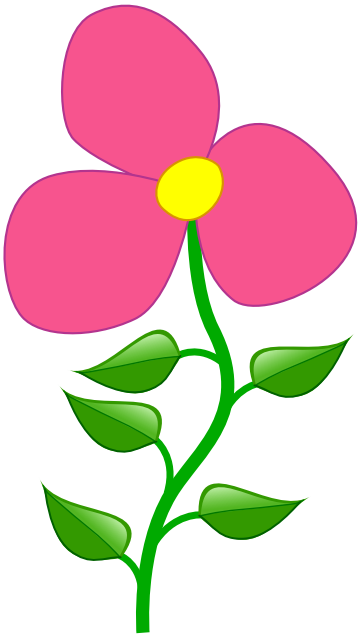
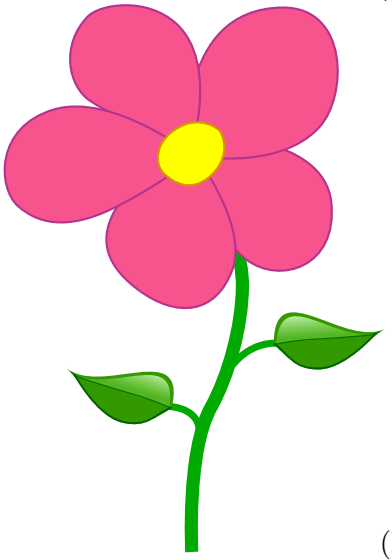
3 points

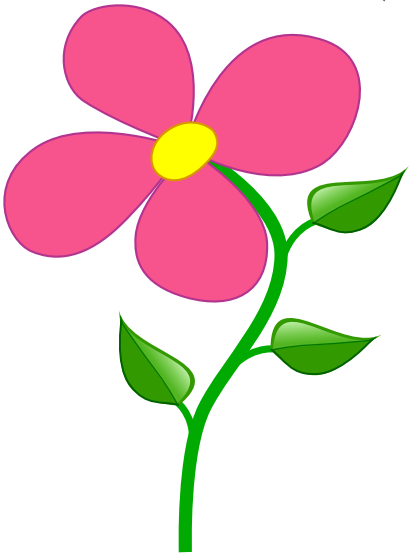
 # 1. Ladybird  will sit on a flower that has five petals and three leaves. On which of the following flowers will ladybird sit?

(**A**) 

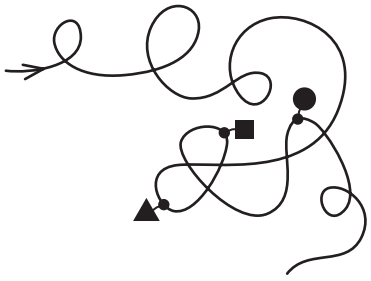
(**B**) 

(**C**) 

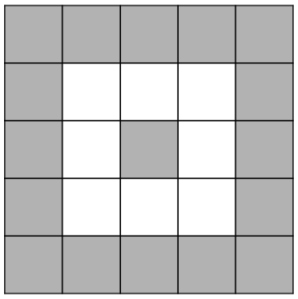
(**D**) 

(**E**) 

 # 2. In what order do you meet the shapes starting from the arrow?



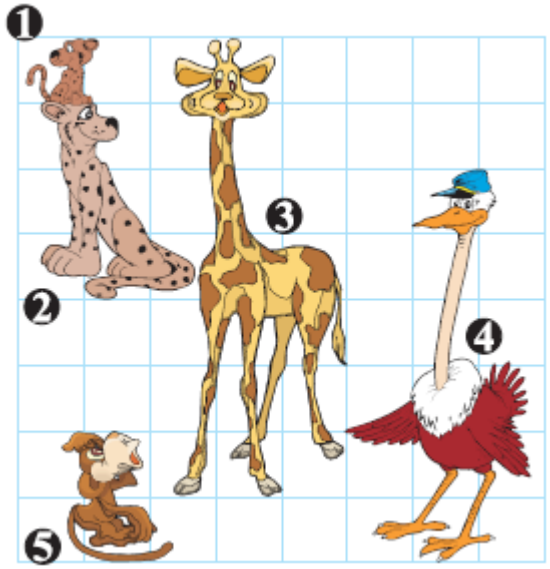
(A) ▲, ■, ● **(B)** ▲, ●, ■ **(C)** ●, ▲, ■ **(D)** ■, ▲, ● **(E)** ■, ●, ▲



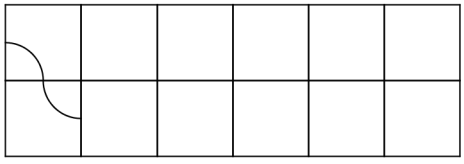
 # 3. How many more grey squares than white ones can you see?

(A) 6 **(B)** 7 **(C)** 8 **(D)** 9 **(E)** 10

 # 4. Put the animials in line from the smallest to the largest. What animal is in the middle?



(A) 1 **(B)** 2 **(C)** 3 **(D)** 4 **(E)** 5

 # 5.  Ann has twelve of these tiles  . She makes one line with the design. Ann starts at the left side. How does the line end?

(A)  **(B)**  **(C)**  **(D)**  **(E)** 

 # 6. Which is the shadow of the girl?

(**A**) 

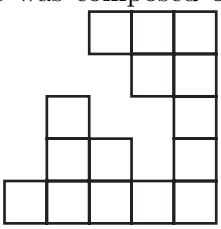
(**B**) 

(**C**) 

(**D**) 

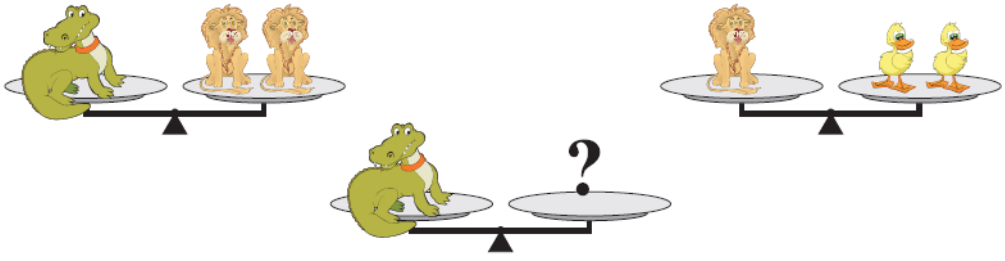
(**E**) 

 # 7. A square was composed of 25 small squares, but some of these small squares are lost. How many are lost?



(**A**) 6 (**B**) 7 (**C**) 8 (**D**) 10 (**E**) 12

 # 8. How many ducks balance the crocodile?



(**A**) 

(**B**) 

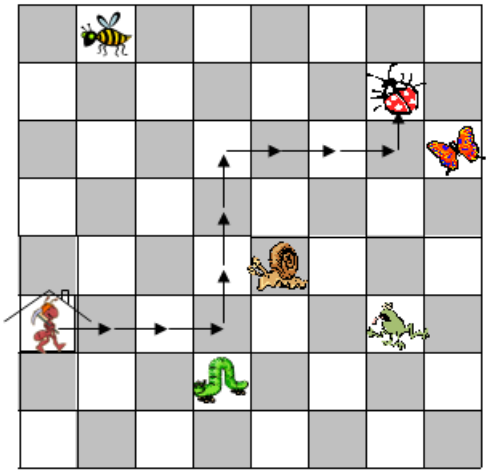
(**C**) 

(**D**) 

(**E**) 

4 points

 # 9. When the ant  goes from home  following these arrows: $\rightarrow 3, \uparrow 3, \rightarrow 3, \uparrow 1$, it comes to the ladybird 



Which animal would it come to, if it goes from home following these arrows: $\rightarrow 2, \downarrow 2, \rightarrow 3, \uparrow 3, \rightarrow 2, \uparrow 2$?

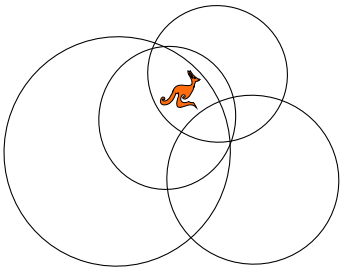
(**A**) 

(**B**) 

(**C**) 

(**D**) 

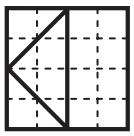
(**E**) 

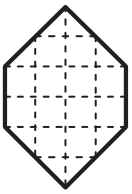


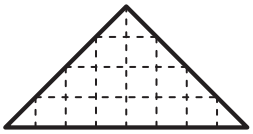
 # 10. The kangaroo is inside how many circles?

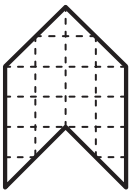
(**A**) 1 (**B**) 2 (**C**) 3 (**D**) 4 (**E**) 5

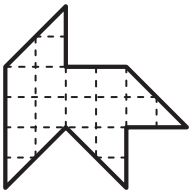
 # 11. A square was cut into 4 parts as shown in the picture. Which of the following shapes cannot

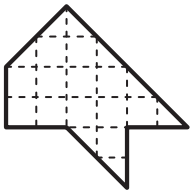
be made with these 4 parts? 

(**A**) 

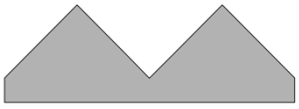
(**B**) 

(**C**) 

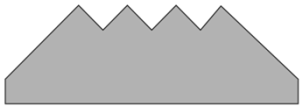
(**D**) 

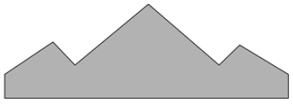
(**E**) 

 # 12. Which form fits exactly the one given above? 

(**A**) 

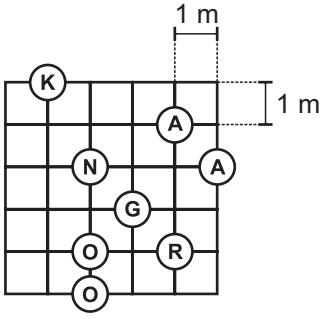
(**B**) 

(**C**) 

(**D**) 

(**E**) 

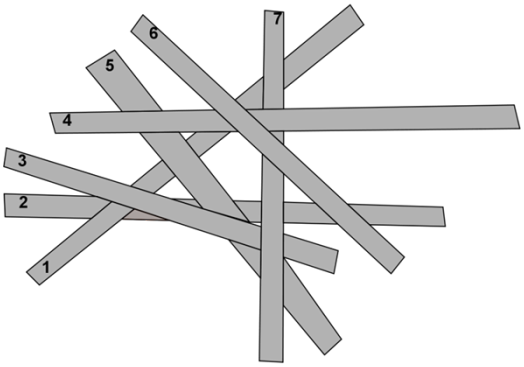
 # 13. Walking from K to O along the lines pick up the letters KANGAROO in the correct order. What is the lenght of the shortest walk in meters?



(**A**) 16 m (**B**) 17 m (**C**) 18 m (**D**) 19 m (**E**) 20 m

 # 14. How many numbers are greater than 10 and less than or equal to 31 which can be written with digits 1, 2 or 3 only? You can repeat digits.

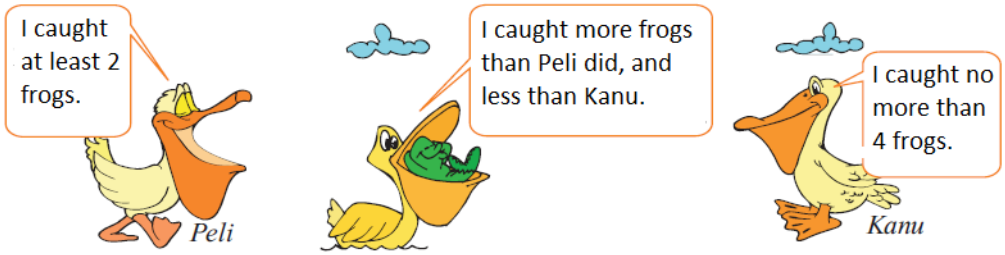
(**A**) 2 (**B**) 4 (**C**) 6 (**D**) 7 (**E**) 8



 # 15. Seven sticks lie on top of each other. Stick 2 is at the bottom. Stick 6 is at the top. Which stick is in the middle?

(**A**) 1 (**B**) 3 (**C**) 4 (**D**) 5 (**E**) 7

 # 16. How many frogs did the three pelicans catch?

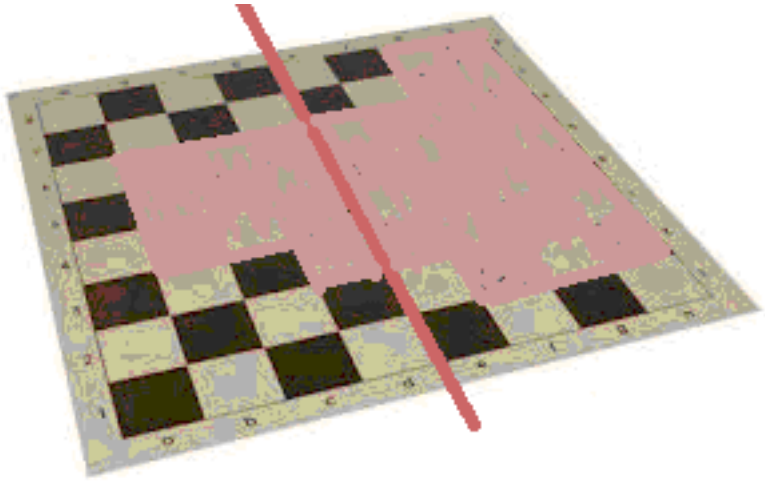


New diagram required.

(**A**) 1 (**B**) 2 (**C**) 4 (**D**) 9 (**E**) 12

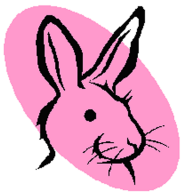
5 points

 # 17. The chess board is damaged. How many black squares on the right side of the line are missing?



(**A**) 11 (**B**) 12 (**C**) 13 (**D**) 14 (**E**) 15

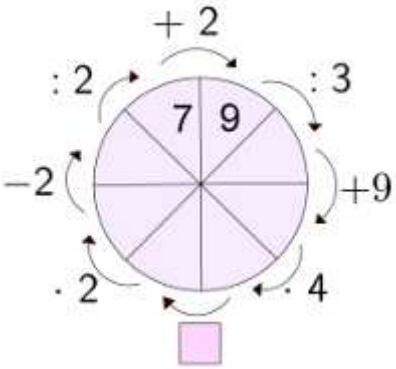
 # 18. Rabbit Venya eats cabbages and carrots. Each day he eats either 10 carrots, or 2 cabbages.



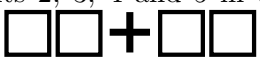
Last week Venya ate 6 cabbages. How many carrots did he eat?

(**A**) 20 (**B**) 30 (**C**) 34 (**D**) 40 (**E**) 50

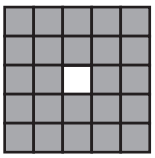
 # 19. What should you put in the square to get a correct diagram?



(**A**) −38 (**B**) : 8 (**C**) −45 (**D**) ·6 (**E**) : 6

 # 20. Put the digits 2, 3, 4 and 5 in the squares and calculate the sum to get the largest value. What is that value? 

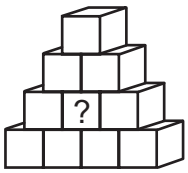
(**A**) 68 (**B**) 77 (**C**) 86 (**D**) 95 (**E**) 97

 # 21. The central cell of the square was removed. We cut it into equal pieces. Which piece is not possible to get? 

(**A**)  (**B**)  (**C**)  (**D**)  (**E**) 

 # 22. To get the product of 2 x 3 x 15, Bill has to press the keys of his calculator seven times: 
Bill wants to multiply all numbers from 3 to 21, using his calculator. At least, how many times will he press the keys of his calculator?

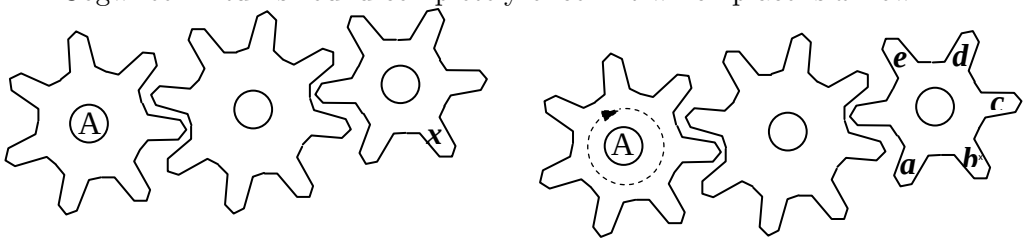
(**A**) 19 (**B**) 31 (**C**) 37 (**D**) 50 (**E**) 60

 # 23. Fedya has 4 red cubes, 3 blue cubes, 2 green cubes and 1 yellow cube. He builds a tower (see the picture) in such a way that no two adjacent cubes have the same colour. What is the colour of the middle cube? 

(**A**) red (**B**) blue (**C**) green (**D**) yellow

(**E**) impossible to determine

 # 24. Cogwheel A turns round completely once. At which place is x now?



(**A**) a (**B**) b (**C**) c (**D**) d (**E**) e